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August 15, 2006

Arizona Corporation Commission Docket Control 1200 West Washington Street Phoenix, Arizona 85007

Re: Virgin Mountain Utilities Company; Docket No.; Docket No W-03551A-04-0325; CC&N Extension Application; Decision No. 68449, dated February 2, 2006; Compliance Filing

Dear Sir:

The subject Decision requires, among other things, the Company to file an Approval of Construction for the expansion facilities. Enclosed herewith please find 15 copies of a Certificate of Approval to Construct as required. This completes all requirements under the Decision. The Company has filed under separate cover a formal Motion requesting the issuance of the CC&N.

In the event you have any questions regarding this matter, please do not hesitate to contact the undersigned.

Sincerely,

Richard L. Sallquist

cc:

Brian Bozzo Tom Stoddard

Arizona Corporation Commission DOCKETED

AUG 162006

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AZ CORP COMMISSION DOCUMENT CONTROL

NO MINOR





ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALTY

Certificate of Approval to Construct for a Water Distribution System

Applicant Information						DEQ File Number		2006051) Pince ID#: 114204				LTF No. 40384			
Name				 ,						-					
		1			Utilities Con	many		Project Name Virgin Mountain Service Area Exp							
Mail Address i		P.O.	P.O. Box 668					Scivice Aice Axpail				1131011, 1 111	1 34 i		
Mail Address 2								Project Location Beaver Dam, A2			12				
City/St	ate / Zip	Bcav	or Dan	n, AZ	86432										
		Project	Type			Project Description									
Pressure!		c Main	ain 🔲 Starage Tank		rage Tank	Install approximately 15,340 linear feet of 6" diameter C-900 Class 150 PVC water							line,		
	Hydre'	fank	П	Ott	NPT		approximately 6920 linear feet of 10" diameter C-900 Class 150 PVC waterline and related apparentances to come 157 residential late.								
Facility	Vi	Virgin Mountain Utilitles Company					Facility Copacity								
Street Address 1		P.6	P.O. Box 668												
Street A				:											
City / St	Be	aver D	em, A	Z 86432								:			
PWSID	.08-4)93						Facility Capacity Affirmation By						le	
County	18ve														
Design Documents Approved					hate	Site Infor	or mation								
Application Date 05/					05/0	8/20 06	Location of Distribution System								
Site Pinn			009/0			9/2004 Township		39 N				Range	16 W		
Drawings and Specifications				05/0	8/2006	Section	14 & 15	Quarter Scetlon		200	NW, NE, SW, SW				
Operations & Maintenance Plan						Latitade	36° 47′ 12.1″						North		
Response Letter 07					97/1	1/2006	Longitude	113° 59° 44.	113° 59' 44.0"					Wost	
Other															
							:								

Approval to Construct (ATC) the above-described facilities as represented in approved plans documents on file with the Arizona Department of Environmental Quality is hereby given subject to the following provisions: The General Provision and Special Provision of the Water Distribution System appear on Pages 2 through

CERTIFICATE DISTRIBUTION

Original Certificate Mr. Thomas Stoddard Virgin Mountain Utilities Company P.O. Box 668 Beaver Dam, AZ 86432

Certificate Copy Only ADEQ/NRO Reading File ADEQ/NRO Construction File Mohave County Joey P. Leslie, P.E. Leslie and Associates, Inc. 444 S Main Street Suite & 4 Cedar City, UT 84720

Stephen Owens, Director

Arizona Department of Environmental Quality

urt J. Harris, P.E., Manager

Water Quality Design Review Unit Northern Regional Office

Date Approved

nullo 8-3-06

General Provisions

- 1. Notice shall be given to the Northern Regional Office (NRO) in Flagstaff (1 (877) 602-3675) and to the appropriate county department when construction of the project begins to allow for inspection during construction per A.R.S § 49-104(B)(10). Contact Andy Wilson at (928) 773-2708 at least seven days prior to the start of construction.
- The project owner shall contact a professional engineer as soon as possible to provide detailed construction inspection of this project (A.A.C. R.18-5-507). Upon completion of construction the retained professional engineer shall send to NRO the following:
 - a. Engineers Certificate of Completions (attached).
 - b. Sealed and signed As-Built plans with construction specifications.
 - c. All Construction test data certified by the engineer.
 - d. All construction test data; the certified number of an operator, who is certified by the Department at a grade appropriate for the facility, is employed to operate the potable water distribution system. After receipt of the items outlined above, NRO will review the file and, if in order, will issue an Approval of Construction (AOC).
- 3. Operation of a newly constructed facility shall not begin until an AOC is issued by the Department per A.A.C. R 185-507(A).
- 4. A minimum pressure of 20 pai shall be provided at all points in the distribution lines at all times.
- 5. All materials and products that come into contact with drinking water or drinking water treatment chemicals must comply with NSF Standard 61. Any "or equal" substation shall also meet NSF Standard 61 may be considered if they otherwise comply with A.R.S. § 49-353.01.
- Backflow prevention shall be provided in accordance with A.A.C. R 18-4-115 and / or local ordinances.
- 7. The open end of each air relief pipe from automatic valves shall extend at least one foot above grade and shall incorporate pipe cloows to cause the opening, permanently covered with #16 mesh screen, to face downward.
- 8. The certificate voids and supersedes all provious "Approval to Construct" issued previously for this file number.
- 9. Water line sewer line separation shall meet A.A.C. R 18-5-502. The separation requirements of A.A.C. R 18-5-502 shall extend to all water line services and sewer line services within the right-of-way. Separation of water and sewer line on an individual private property shall meet the requirements of the Uniform Plumbing Code (UPC)
- 10. This Approval to Construct will become void if an extension of time is not granted by the Department within 90 days after passage of one of the following (A.A.C. R18-5-505(E)):
 - a. Construction does not begin within one year after the date the Approval to Construct is issued, or
 - b. There is a halt in construction of more than one year, or
 - c. Construction is not completed within three years after the date construction begins.
- 11. Construction material used in public water systems, including residential and non-residential facilities connected to the public water system, shall be lead free as defined by A.A.C. R 18-4-101(46)

Special Provisions

- 1. The water distribution system must be tested for conformance to A.A.C. R18-5-502 before the Approval of Construction is issued. A Fire flow test per the appropriate ASTM standard shall be conducted on at least one fire hydrant in the lowest pressure zone. The stable residual pressure and hydrant flow must be recorded and certified by the Project Engineer. This data, certified by a Professional Engineer registered in Arizona, shall be used to calibrate the water model provided with the Application for Approval to Construct (ATC). The resultant fire flow analysis using the new calibration shall be provided with the ECOC for the application for Approval of Construction (AOC). The resultant model must demonstrate that the predicted minimum system pressure during a fire flow plus maximum daily flow event is 20 psi or greater.
- 2. All existing private wells shall be either physically disconnected or abandoned according to ADWR requirements from the Virgin Mountain Utilities Company water system. If the private well is connected remains connected to the residence, a Reverse Pressure Principal (RVP) backflow preventer shall be installed and maintained by a licensed backflow prevention contractor to assure that the public water system is protected from backflow events.

End of Provisions